

LOCKHEED AIRCRAFT CORPORATION		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		LAC - 199-1 *				
DATE 19 MARCH 1965		AFFECTS:		WSPO <input type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>				
NAME OF MAJOR COMPONENT Parachute		PART OR LOWEST SUBASSEMBLY		PART NO. & MODEL OR TYPE						
TITLE OF PROPOSAL : PARACHUTE EVALUATION - 35-foot Canopy										
NATURE OF PROPOSAL : See Page 2										
REASON FOR PROPOSAL : To provide Parachute with larger Canopy										
*NOTE: Revised to show reduced scope of work by M. Steinthal & Co. Inc. as directed by 										
ES		ESTIMATED COST AND TIME INVOLVED : ADDITIONAL FUNDING REQUIRED :								
CP		ESTIMATED COST FOR KITS OR PARTS : See Page 3 ADDITIONAL FUNDING REQUIRED : Yes (SP-1923) 								
ITEMS AFFECTED BY PROPOSAL :										
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER- CHANGE- ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EST. MAN/HR. REQ'D. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT Noted				AVAILABILITY --- WEEKS AFTER APPROVAL (See Pages 3 and 4)						
DISPOSITION OF SPARES AFFECTED No longer used										
INITIATED BY : Project				APPROVED : WSPO 						

NATURE OF PROPOSAL:

The parachute pack assembly will be integrated and compatible with the Q350 seat assembly and the Q445 seat pack.

Three (3) canopies will be supplied and also a minimum of eight (8) complete parachute assemblies will be packed for test and evaluation as follows:

1. Pack and Harness

The basic "HALO" pack and harness shall be used with horizontal back stiffeners. Special rocket jet fittings are included.

2. Quarter bag

The 35-foot quarter bag shall be used.

3. Pilot parachute

A 40-inch pilot parachute with bridle shall be used.

4. Back pad

A foam cushion back pad shall be used.

5. Canopy

a. Eight (8) parachute assemblies shall use a 35-foot canopy less 2.25 oz. vent area. Color to be International Orange and White. Eight (8) special rapcord release to be GFAE.

b. Two (2) 35-foot canopies less 2.25 oz. vent area with 40-inch pilot parachute, bridle and risers with Capewell fittings. All textiles to be natural color.

c. One (1) 35-foot canopy with 2.25 oz. vent area with 40-inch pilot parachute, bridle and risers with Capewell fittings. All textiles to be natural color.

Testing will be accomplished as follows:

1. Laboratory Tests - Manufacturer will conduct table pull-outs to affirm pack design and rigging.
2. Whirl Tower Tests - Will be conducted per customer requirements.
3. Flight Tests - It is recommended that this program, aside from tests above, shall be mutually discussed and resolved between cognizant personnel.

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Next 1 Page(s) In Document Exempt

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